tutorialspoint

Python Full Stack

Intensive Training Program

Job-oriented program with Money Back Guarantee

6 Months Hybrid Program | 1:1 Mentorship

Live Doubt-Solving | 100% Placement Assistance

Soft Skills

About TutorialsPoint

Since 2006, TutorialsPoint has led digital learning with accessible, industry-relevant education. Guided by 5000+ global instructors. We empower millions of learners every month with continuously updated content across technical and non-technical domains, breaking barriers and fostering lifelong learning.

TutorialsPoint has become more than just an educational platform - it is a learning revolution. We are committed to making quality education accessible to all and bridging the gap between traditional learning and real-world skills.

Our Mission:

Our mission is to provide High-Quality Engaging Content and Learning Solutions to enable Simple & Easy Learning on a wide range of technical and non-technical subjects without any preconditions and impediments to succeed in a rapidly changing world.

Python Full Stack Intensive Program 2025

The tech industry is evolving at an unprecedented pace, and Full-Stack Development is at the heart of this transformation. TutorialsPoint's Python Full Stack Intensive Training Program is designed to empower learners with in-depth expertise in full-stack development, ensuring career-ready proficiency.

YOU ARE JUST 6 MONTH AWAY FROM YOUR DREAM JOB

We'll help you with A-to-Z

⚠ Don't enroll if you are not ready to sweat

Doubt Resolution

Expert Assistance: Get unlimited doubt resolution from 10:00 AM to 8:00 PM IST via text chat & Zoom.

24x7 AI Support
Our AI assistant provides instant, step-by-step solutions anytime.

Personal Mentorship

Receive dedicated mentorship with regular interventions to ensure timely submission of assignments.

Consistent progress tracking and career guidance.

Resume Building

Build a strong resume with expert guidance.

Optimize your LinkedIn profile and get assistance in applying for jobs on top platforms.

Learn job search strategies to navigate the competitive market.

Mock Interviews

Live Expert Interviews
Industry professionals conduct 7 mock interviews to refine your skills.

AI-Based Interviews: Practice unlimited times with our AI interviewer, receive scores and, improve with detailed feedback.

Program Highlights

Self-Paced Learning
180+ hours

Placement Assistance
5 Assured Job Interviews
(up to 15 LPA)

Live Doubt-Solving
10 AM - 8 PM IST

Coding Lab
Hands-on practice

24x7 AI Support
24x7 Doubt Solving using well trained AI-Agent

Monthly Webinars
Sessions with Industry Leaders

Soft Skills Training
Communication & Workplace readiness

Project Work
Capstone + 50 real-world projects

Resume Building
Resume and LinkedIn Profile building

Career Guidance
1:1 mentorship, 5 mock Interviews + 2 HR interviews

We Deliver, What We Promise!

Our Approach

Fundamentals

- **Duration:** 2 Months
- 30 Projects
- Courses Included

1

Python Full Stack

- **Duration:** 3 months
- 50 Projects

2

Capstone Project

- **Duration:** 1 month
- Complete Hands-on Project

3

Job Assistance

- Aptitude Training
- Soft Skills Training
- 7 Mock Interviews
- 5 Assured Job Interviews

4

Your Roadmap to Python Full Stack

Step 1 — Study at Your Convenience

Master technical and power skills with 180+ hours of self-paced learning videos. No need to adjust to fixed schedules or crowded batches—learn anytime, anywhere.

Step 2 — Expert & AI-Based Doubt Solutions

Stuck on a concept? Experts are available from 10 AM to 8 PM IST via chat and Zoom calls, while our AI-powered assistant is accessible 24/7 on your dashboard.

Step 3 — Exercises, Quizzes & Real-Life Projects

Practice to perfection using provided Exercises, Quizzes, and real life based Projects. Get immediate feedback for every activity you'll do in your dashboard.

Step 4 — 1-on-1 Personal Mentorship

A dedicated mentor will call you weekly to track your progress, offer career guidance, and ensure you're on the right path to success.

Step 5 — Resume Building & Mock Interviews

Your personal mentor will help you in building an impressive professional resume. Our industry experts and HR will conduct your 7 mock interviews to make you rock solid to face the actual Industry Interviews.

Final Step — Corporate Interviews

Once ready, we'll schedule interviews with 5 companies hiring Full Stack Python Developers, ensuring you get the best career opportunities.

For Detailed Curriculum See Appendix I

Who Should Enroll?

Final-Year Students: BTech, BCA, MCA & more

Fresh Graduates: From recognized institutes

Professionals: Transitioning to Python technologies

Programming Enthusiasts: Passionate learners

Assessment Based Certification and Marksheet

tutorialspoint
CERTIFIED ISO 9001:2015 COMPANY
Certificate of Merit
is awarded to
on Achieving Grade A in Training in Python Full Stack Intensive Program
DATE
Verify this certificate at https://verify.tutorialspoint.com, using number:

Expected Outcomes

Job-Ready Skills

Gain expertise in full-stack development and build dynamic and scalable solutions. Acquire hands-on coding experience to work efficiently in development teams.

Industry Exposure

Acquire a deeper understanding of best practices in industries with real-world projects. Gain practical insights about current industry trends in live sessions with industry leaders

Career Growth

Prepare for roles such as Web Developer, Full-Stack Developer, Software Engineer, and Automation Engineer. Learn the necessary skills to transition into high-demand job roles.

Global Demand & Opportunities

Enhance employability across industries like IT, Finance, healthcare, and e-commerce. Become well-prepared for global career opportunities.

Your Trainers are Alumni of

amazon, IIT Bombay, Google, IIT Delhi, Microsoft, NIT Srinagar

Our Learners work at

EY, tcs, accenture, amazon

HEXAWARE, Capgemini, Infosys, VERITAS

wipro, ATLASSIAN, NTT DATA, genpact

HCLTech, Cognizant, SIEMENS

virtusa, Qualcomm, NVIDIA, Meta

hp, LTIMindtree, mastercard, BOSCH

Adobe, SAP, Google, IBM

BARCLAYS, salesforce, Tech Mahindra, Accolite

Testimonials

Namrata Hazarika

★★★★★

“Python Full Stack Intensive Program” by TutorialsPoint is not only easy to learn But also incredibly engaging. The way concepts are delivered is simply outstanding, making complex topics feel effortless.

What I appreciate the most is TutorialsPoint’s support team, which promptly Resolves all my queries. The structured approach and hands-on projects have significantly improved my skills. Thank you, TutorialsPoint!

Ashin Vincent

★★★★★

I’m happy to announce that I am now a certified Python Full Stack Developer, thanks to TutorialsPoint. The program provided in-depth knowledge, covering everything from front-end to back-end development with real-world applications.

The courses are well-curated, and their guidance helped me build projects confidently. This course was the perfect way to kick-start my journey into full-stack development, and I look forward to applying these skills in my career!

Yash Shrivastav

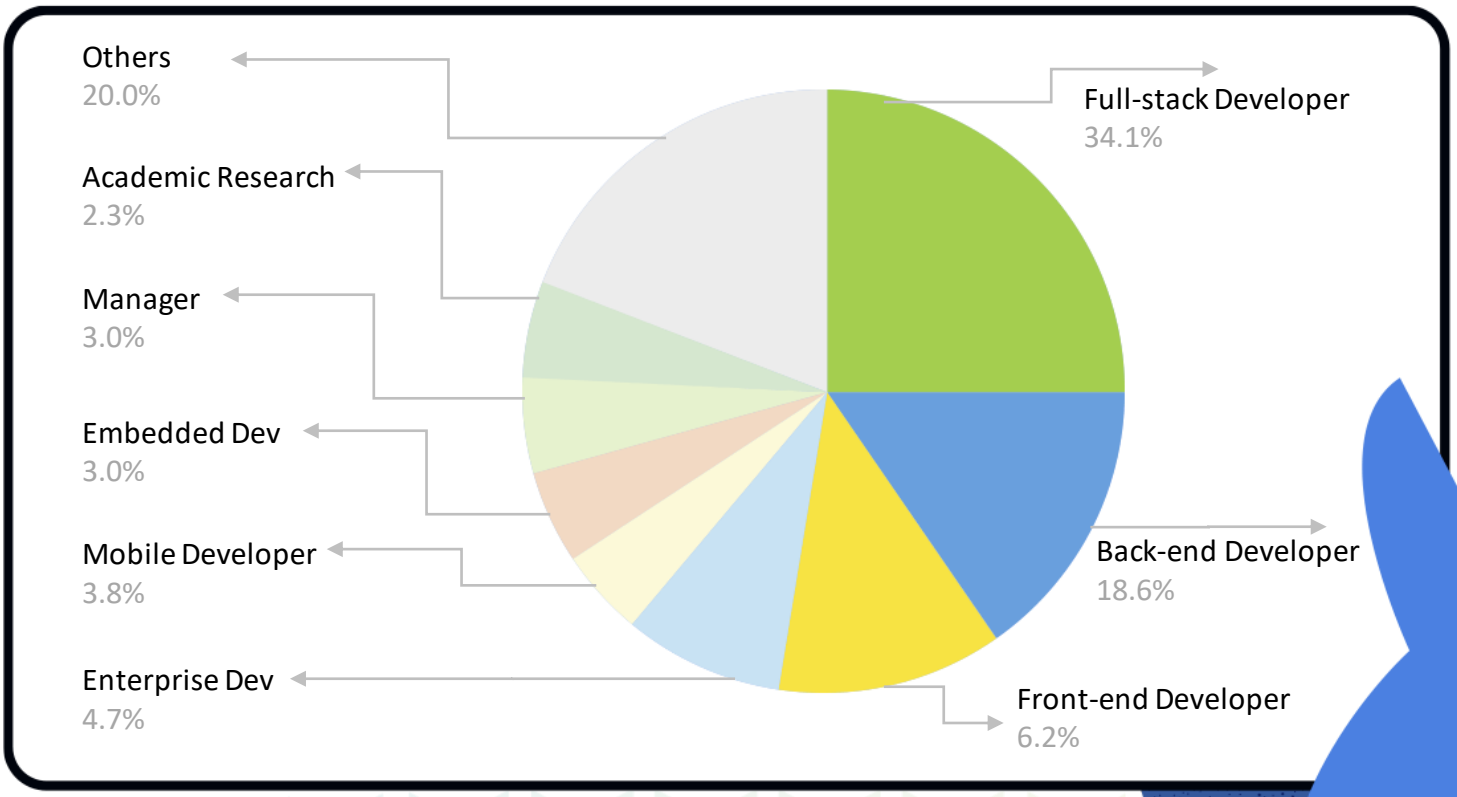
★★★★★

The Python Full Stack Intensive Program was a game-changer for me. The hands-on experience with tools like Django, SQL, Git, and JavaScript gave me a strong foundation in web development.

The course motivated me to think critically and solve problems in innovative ways. Thanks to TutorialsPoint, I have gained the confidence to build and deploy full-stack applications from scratch!

Today Industry needs 60%
Full Stack Python Developers

Source: Stack Overflow Dev Survey 2024



Appendix I: Program Curriculum

Week 1 | HTML fundamentals, structure, semantic elements

- Introduction of HTML
- Formatting, Quotations
- Hyperlinks
- Images
- Block Level and Inline Level Elements
- Table, Media, and Form
- Semantic Elements
- Mandatory points
- Exercise
- Projects
- Quizzes

Week 2 | CSS basics, responsive design, animations

- CSS Fundamentals
- Typography
- Background and Images
- Responsive Web Design
- Transformation and Animations
- Advanced Topics and Libraries
- Testing and Conclusion
- Project - Responsive design
- Exercise
- Quizzes
- Projects

Week 3 | Git & GitHub Learnings: Version control, GitHub workflows

- Introduction to Version Control System
- Git Basics
- Introduction to GitHub
- Branching and Workflows
- Git Practices and Tips
- Exercise
- Quizzes

Week 4 | 5 Projects on HTML & CSS

- Project - Dad Jokes Generator
- Project - Photo Gallery
- Project - English Dictionary
- Project - Anime Pics Generator
- Project - Note App
- Exercise
- Quizzes

Week 5 | JavaScript setup, basics, control, OPP,DOM.

- Setup Environment for JavaScript
- JavaScript Basics
- JavaScript Control Flow
- Functions, Objects & Arrays
- JavaScript DOM & Events
- Object Oriented Programming
- Exercise
- Quizzes
- Projects

Week 6 | Advanced JS, OPP, and async operations with projects

- Project - Employee App using OOPs
- Regular Expressions (Regex)
- Modern JavaScript - [ES6 - ES10]
- Asynchronous JavaScript
- Project - Movie App using API
- Project - Jobs Portal
- Exercise
- Quizzes
- Projects

Week 7 | React basics, components, state management.

- Introduction to React
- JSX Elements
- Component and Props
- State and Life Cycle Method
- Conditional Rendering List and Key
- React Form
- Higher Order Component
- Exercise
- Quizzes

Week 8 | React hooks, routing, context API

- Render Props Pattern
- Context API
- React Hook
- React CSS
- React Router
- React Blog Project
- Exercise
- Quizzes

Week 9 | Python installation, basics, functions, conditions

- Installation and Setup of Python
- Functions, Statements, Conditions
- Strings, Operators
- Exercise
- Quizzes

Week 10 | Python Basics (Contd.)

- Lists, Tuples
- Sets, Dictionaries
- Exercise
- Quizzes

Week 11 | Data Structures with Python

- Introduction to Data Structures
- Recursion
- Algorithm Runtime
- Array Implementation
- Sorting
- Exercise
- Quizzes

Week 12 | Data Structures with Python (Contd.)

- Hashing
- Stack
- Queue
- Linked List
- Exercise
- Quizzes

Week 13 | SQL

- Introduction to SQL
- DDL and DML Statements
- Data Integrity
- Querying the database
- Sort, Aggregate, Group and Filter
- Functions Joins
- SQL Query
- CASE, IF ELSE and Set Operators
- Writing Subqueries
- Common Table Expressions
- Stored Procedures
- Exercises
- Quizzes

Week 14 | Python Intermediate

- Python basics recap
- Loops & Functions
- OOPs concepts
- Exercise
- Quizzes

Week 15 | Python Intermediate (Contd.)

- Built-in modules in Python
- File and Exception Handling
- Using python packages(Numpy)
- Projects
- Exercise
- Quizzes

Week 16 | Django

- Project Setup & Logging In Django
- Custom User model in Django
- Next.JS Introduction
- Authentication, Authorization & JWT
- User - Profile Serializers & Views
- Apartments Functionality
- Exercise
- Quizzes

Week 17 | Django (Contd.)

- Issue Functionality
- Report Functionality
- Rating Functionality
- Posts Functionality
- Exercise
- Quizzes

Week 18 | Django (Contd.)

- Setup Next.JS
- Activation, Login, Logout
- Password Reset, Google Oauth
- Tenants Search and Pagination
- Exercise
- Quizzes
- Projects

Week 19 | Django (Contd.)

- Setting up a Python development
- Django App with PostgreSQL
- Django Models and ORM
- Working with Admin Module

Week 20 | Project using Django

- Django Views and Templates
- Django Forms and Design
- Registration forms - Real world
- Django Reports

Week 21 | AI and ChatGPT

- Introduction to AI & ChatGPT
- About Prompts
- General Prompt Frameworks
- Business Ideas using AI
- Freelancing Ideas using A.I
- Health and Wellness using AI
- Learn Specific topics using ChatGPT
- Important Websites to optimize work
- Quizzes

Week 22-26

- Capstone Projects
- Aptitude Test
- Soft Skills Training
- Mock Interviews
- Resume Building
- Job Placement

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